

ANCO/89US
Confirmation No. 3837

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert Everest Johnson et al. Art Unit: 2817
Serial No.: 10/679,873 Examiner: Unknown
Filed: October 6, 2003 Atty. Docket No.: ANCO/89US
For: ARCHITECTURE AND IMPLEMENTATION METHODS OF DIGITAL
PREDISTORTION CIRCUITRY

TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Transmittal (in duplicate) containing Certificate of Mailing Under 37 CFR 1.8
Information Disclosure Statement
Substitute Form PTO-1449 (3 pages)
4 Foreign Patent References
7 Other Art References
Reply Postcard

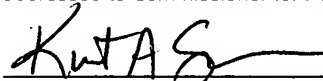
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By: 
Kurt A. Summe Reg. No. 36,023

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Kurt A. Summe Reg. No. 36,023



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Kurt A. Summe, Reg. No. 36,023

3/2/04
Date

PATENT
ANCO-89US/119
Confirmation No. 3837

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DIGITAL PREDISTORTION CIRCUITRY

March 2, 2004

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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of candor and good faith imposed by 37 CFR §1.56 and means of complying therewith according to 37 CFR §§1.97 and 1.98, the references listed on the attached forms PTO-1449 are called to the attention of the U.S. Patent and Trademark Office in connection with the above-identified application. Copies of the references are enclosed.

Applicants also note that this application may be related to the following co-pending U.S. Patent Applications:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor</u>
09/395,490	September 14, 1999	
10/068,343	February 5, 2002	Vella-Coleiro
10/091,756	March 6, 2002	White et al.
10/342,633	January 15, 2003	DeBruyn et al.
10/406,959	April 3, 2003	Leffel
10/625,761	July 23, 2003	Bachman, II et al.

To the best of Applicants' knowledge and belief, this Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits of this application, and therefore, no fees are believed to be due.

The Examiner is respectfully requested to review each reference cited and to note the review on the attached PTO-1449 forms (3 pages) and to reach their own independent determination of its materiality, if any. It should also be noted that Applicants are filing on even date herewith two Electronic Information Disclosure Statements with a total of 80 U.S. patent references listed therein.

If any charges or credits are necessary to complete this communication, please apply them to Deposit Account 23-3000.

Respectfully submitted,



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SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ANCO/89USSERIAL NO.
10/679,873INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Robert Everest Johnson et al.Confirmation No.
3837FILING DATE
October 6, 2003GROUP
2817

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A						
	A.B						
	A.C						
	A.D						
	A.E						
	A.F						
	A.G						
	A.H						
	A.I						
	A.J						
	A.K						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	EP 0 367 457 B1	27.03.1996	EPO	H03F	1/32	Yes
	A.M	EP 0 948 131 B1	27.03.2002	EPO	H03F	1/32	Yes
	A.N	EP 0 998 026 A1	03.05.2000	EPO	H03F	1/32	Yes
	A.O	WO 97/08822	06.03.1997	WIPO	H03F	1/32	Yes
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

A.R	Lohtia, Anit et al., "Power Amplifier Linearization using Cubic Spline Interpolation", <u>IEEE</u> , (1993), No. 0-7803-1266-x/93, pp. 676-679.
A.S	Stapleton, Shawn P., "Amplifier Linearization Using Adaptive Digital Predistortion - The need for greater linearity can be addressed at the digital coding level", <u>Applied Microwave & Wireless</u> , Technical Feature, (February 2001), pp.72-77.
A.T	Vella-Coleiro, George, <u>Frequency-Dependent Phase Pre-Distortion for Reducing Spurious Emissions in Communication Networks</u> , U.S. Patent Application Serial No. 10/068,343, filed on February 5, 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered.
Include a copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (Use several sheets if necessary)	ATTY. DOCKET NO. ANCO/89US	SERIAL NO. 10/679,873
		APPLICANT Robert Everest Johnson et al.	Confirmation No. 3837
		FILING DATE October 6, 2003	GROUP 2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B.A						
	B.B						
	B.C						
	B.D						
	B.E						
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	B.J						
	B.K						

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	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

B.R	White, Paul E. et al., <u>Digital Baseband Receiver in a Multi-carrier Power Amplifier</u> , U.S. Patent Application Serial No. 10/091,756, filed on March 6, 2002.
B.S	DeBruyn, William P. et al., <u>An Uncorrelated Adaptive Predistorter</u> , U.S. Patent Application Serial No. 10/342,633, filed on January 15, 2003.
B.T	Leffel, Michael D., <u>Independence Between Paths That Predistort for Memory and Memory-less Distortion in Power Amplifiers</u> , U.S. Patent Application Serial No. 10/406,959, filed on April 3, 2003.

EXAMINER	DATE CONSIDERED
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ANCO/89US		SERIAL NO. 10/679,873	
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	C.L						
	C.M						
	C.N						
	C.O						
	C.P						
	C.Q						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	C.R	Bachman, II et al., <u>Elimination of Peak Clipping and Improved Efficiency for RF Power Amplifiers with a Predistorter</u> , U.S. Patent Application Serial No. 10/625,761, filed on July 23, 2003.					
	C.S						
	C.T						
EXAMINER				DATE CONSIDERED			
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